

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A method of managing downlink data transfers between a radio access network of a packet-switched communications network and mobile stations the method comprising, in the event of a request for downlink data transfer to a mobile station, said data to be transferred being received by the radio access network, network sending a link set-up request to said mobile station sending a paging request to said mobile station by means of the radio access network and, on reception by said radio access network of a response to said request sent by the mobile station, setting up a downlink access to send the data to said mobile station.

2. (currently amended): The method according to claim 1, wherein said ~~link set-up~~ ppaging request requires said mobile station to send said radio access network an uplink access request and, on receipt of said request, network resources for setting up said uplink access are assigned so that said mobile station can send said response to the ~~link set-up~~ ppaging request over that uplink access.

3. (Previously presented): The method according to claim 2, wherein said uplink access request includes a reference identifier recognizable by said mobile station and, on receipt of the uplink access request, said reference identifier is extracted in order to set up said uplink access.

4. (Previously presented): The method according to claim 1, wherein said response

includes a call identifier of the mobile station, known to said network, and, on receipt of said response, said call identifier is extracted in order to set up said downlink access.

5. (currently amended): The method according to claim 1, wherein said ~~link-set-up~~paging request is generated by said radio access network.

6. (currently amended): A system for managing downlink data transfers between a radio access network of a packet-switched communications network and mobile stations the system comprising a management means adapted, on receiving a request for downlink data transfer to a mobile station, said data to be transferred being received by the radio access network, to instruct sending of a ~~link-set-up~~paging request to said mobile station by means of said radio access network, followed by setting up a downlink access after the reception of a response to that request from said mobile station.

7. (currently amended): The system according to claim 6, wherein said management means are adapted to instruct said radio access network to send a paging ~~link-set-up~~ request that requests said mobile station to send said radio access network an uplink access request so that on receipt of said request said radio access network is able to assign network resources for setting up said uplink access enabling said mobile station to send said response to the ~~link-set-up~~paging request.

8. (Previously presented): An equipment of a radio access network of a packet-switched communications network, comprising the system according to claim 6.

9. (Previously presented) The equipment according to claim 8, wherein it is adapted, when said uplink access request includes a reference identifier recognizable by said mobile station, to extract said reference identifier from the received uplink access request in order to set up said uplink access.

10. (Previously presented) The equipment according to claim 8, wherein it is adapted, when said response includes a call identifier of the mobile station known to said communications network, to extract the call identifier from said response in order to set up said downlink access.

11. (Previously presented) The equipment according to claim 8, wherein it takes the form of a base station controller.

12. (Previously presented) The equipment according to claim 8, wherein it takes the form of a packet transfer control unit.

13. (Previously presented) A radio access network of a packet-switched communications network, comprising an equipment according to claim 8.